WHAT IS CLAIMED IS:

1   1.   A mobile station capable of establishing a plurality of

2   data sessions with a first base station of a wireless network,

3   wherein said mobile station is capable of reactivating at least a

4   dormant first data session and a dormant second data session by

5   transmitting to said first base station an Origination message,

6   said Origination message comprising:

7   a first Data Ready to Send (DRS) field indicating to said

8   first base station that said dormant first data session is being

9   reactivated; and

10   a second Data Ready to Send (DRS) field indicating that said

11   dormant second data session is being reactivated.

1   2.   The mobile station as set forth in Claim 1, wherein said

2   mobile station transmits said Origination message in response to a

3   user input to a first application associated with said dormant

4   first data session.

1   3.   The mobile station as set forth in Claim 1, wherein said

2   mobile station transmits said Origination message in response to a

3   determination that said mobile station is about to enter a handoff

4   procedure from said first base station to a second base station.

1   4.   The mobile station as set forth in Claim 1, wherein said

2   mobile station is further capable of assigning said first data

3   session and said second data session to at least a first traffic

4   channel after said first and second data sessions are reactivated.

1   5.   The mobile station as set forth in Claim 4, wherein said

2   mobile station simultaneously assigns said first data session and

3   said second data session to said at least a first traffic channel.

1   6.   For use in a mobile station capable of establishing a

2   plurality of data sessions with a first base station of a wireless

3   network, a method of reactivating at least a dormant first data

4   session and a dormant second data session, the method comprising

5   the step of:

6   transmitting to the first base station an Origination message

7   comprising: i) a first Data Ready to Send (DRS) field indicating to

8   the first base station that the dormant first data session is being

9   reactivated; and ii) a second Data Ready to Send (DRS) field

10 indicating that the dormant second data session is being

11 reactivated.

1   7.   The method as set forth in Claim 6, wherein the step of

2   transmitting the Origination message occurs in response to a user

3   input to a first application associated with the dormant first data

4   session.

1   8.   The method as set forth in Claim 6, wherein the step of

2   transmitting the Origination message occurs in response to a

3   determination that the mobile station is about to enter a handoff

4   procedure from the first base station to a second base station.

1   9.   The method as set forth in Claim 6, further comprising

2   the steps of:

3   assigning the first data session to at least a first traffic

4   channel after the first and second data sessions are reactivated;

5   and

6   assigning the second data session to the at least a first

7   traffic channel after the first and second data sessions are

8   reactivated.

1   10. The method as set forth in Claim 9, further comprising

2   the steps of assigning the first data session and assigning the

3   second data session are performed simultaneously.

1   11. For use in a wireless network, a base station capable of

2 reactivating at least a dormant first data session and a dormant

3 second data session associated with a first mobile station in a

4 coverage area of said wireless network, wherein said base station

5 receives from said first mobile station an Origination message

6 comprising: i) a first Data Ready to Send (DRS) field indicating

7 that said dormant first data session is being reactivated; and ii)

8 a second Data Ready to Send (DRS) field indicating that said

9 dormant second data session is being reactivated, and wherein, in

10 response to said Origination message, said base station assigns

11 said first data session and said second data session to at least a

12 first traffic channel after said first and second data sessions are

13 reactivated.

1   12. The base station as set forth in Claim 11, wherein said

2 base station simultaneously assigns said first data session and

3 said second data session to said at least a first traffic channel.

1   13. The base station as set forth in Claim 11, wherein said

2 base station, in response to said Origination message, is further

3 capable of establishing a first connection and a second connection

4 to a packet control function unit, wherein said first connection is

5 associated with said reactivated first data session and second

6 connection is associated with said reactivated second data session.

1   14. The base station as set forth in Claim 13, wherein said

2 base station simultaneously establishes said first connection and

3 said second connection to said packet control function unit.

1   15. For use in a base station of a wireless network, a method

2 of reactivating at least a dormant first data session and a dormant

3 second data session associated with a first mobile station in a

4 coverage area of the wireless network, the method comprising the

5 steps of:

6   receiving from the first mobile station an Origination message

7 comprising: i) a first Data Ready to Send (DRS) field indicating

8 that the dormant first data session is being reactivated; and ii) a

9 second Data Ready to Send (DRS) field indicating that the dormant

10 second data session is being reactivated;

11   in response to the Origination message, assigning the first

12 data session to at least a first traffic channel after the first

13 and second data sessions are reactivated; and

14   in response to the Origination message, assigning the second

15 data session to the at least a first traffic channel after the

16 first and second data sessions are reactivated.

1   16. The method as set forth in Claim 15, wherein the step of

2 assigning the first data session and the step of assigning the

3 second data session are performed simultaneously.

1   17. The method as set forth in Claim 15, further comprising

2   the step, in response to the Origination message, of:

3   establishing a first connection and a second connection to a

4   packet control function unit, wherein the first connection is

5   associated with the reactivated first data session and second

6   connection is associated with the reactivated second data session.

1   18. The method as set forth in Claim 17, wherein the first

2   connection and the second connection to the packet control function

3   unit are established simultaneously.